Corrections

PHYSIOLOGY. For the article "Ca^{2+} sparks operated by membrane depolarization require isoform 3 ryanodine receptor channels in skeletal muscle," by Sandrine Pouvreau, Leandro Royer, Jianxun Yi, Gustavo Brum, Gerhard Meissner, Eduardo Ríos, and Jingsong Zhou, which appeared in issue 12, March 20, 2007, of *Proc Natl Acad Sci USA* (104:5235–5240; first published March 14, 2007; 10.1073/pnas.0700748104), the authors note the following. "We described functional consequences of the expression in skeletal muscle of adult mice of a heterologous protein, the ryanodine receptor of isoform 3 (RyR3). As part of the controls, two other molecules were expressed: a ryanodine receptor of isoform 1 (RyR1) and the fusion of RyR1 with yellow fluorescent protein (YFP-RyR1). We have not been able to reproduce the results obtained originally with YFP-RyR1. Specifically, the images of fluorescence in cells transfected with cDNA for this molecule, presented as Fig. 1 *c* and *d*, can no longer be attributed to YFP-RyR1 with confidence. The reasons for this failure, as well as the origin of the fluorescence in the original images, are being investigated. No other result in the article depended on the questionable images. The images, however, were interpreted to support the conclusion that the functional changes observed in cells expressing RyR3 were specific to that isoform. This conclusion is still supported by data in the article, namely the observation of functional differences between cells transfected with RyR1 and RyR3."

ENVIRONMENTAL SCIENCES, PLANT BIOLOGY. For the article "Root functioning modifies seasonal climate," by Jung-Eun Lee, Rafael S. Oliveira, Todd E. Dawson, and Inez Fung, which appeared in issue 49, December 6, 2005, of *Proc Natl Acad Sci USA* (102:17576–17581; first published November 21, 2005; 10.1073/pnas.0508785102), the authors note that on page 17577, right column, line 8, the equation "$A = 0.5 \times 10^{-3}$ kg/s·Pa^{-1}" should instead appear as: "$A = 0.5 \times 10^{-3}$ kg/s·MPa^{-1}." This error does not affect the conclusions of the article.

CORRECTIONS